Collector: Philip A. Munz

5764 - 6599

Botanical Notes.

If found, please send to

Dr. Philip A. Munz
Pomona College
Claremont
Calif.

Trip from Idyllwild to Santa Rosa Mts with F. N. Edwards.

Left Idyllwild June 22, 1922

Camp near Keen Camp

Keen Camp 6/23

5764 Scutellaria angustifolia Pursh

65. ~~Linanthus~~ Gilia ciliata Benth
very small pink fls

66 Horkelia Clevelandii (Greene) Rydb.

67 Castilleja stenantha Gray

68 Madia dissitiflora (Nutt) T & G

69. Arabis glabra (L.) Bernh.

70 Equisetum Funstoni A.A. Eaton

71 Clarkia rhomboidea Dougl.

72 Silene verecunda Wats

73 Arenaria Douglasii Fenzl.

74. Polypogon monspeliensis Desf

75 Juncus textilis Buch grav[el]

– 76. Lupinus micranthus dry

77 Rumex salicifolius Weinm along

Locally abundant, coarse sand near small creek near Keen Camp 5000 ft

common in dry sandy soil near " " "

grassy slope " " "

moist slopes along small creek " "

bench along " " " "

common " " " " "

" in moist sandy banks " "

" " " " "

occasional dry slopes in small valley " "

common dry slopes " "

boggy meadow, Garners Ranch, Hemet Valley 4500

meadow " " "

gravel in " " " "

boggy places & washes " " "

6/23

5778 Lotus ~~crassifolius~~ oblongifolius (~~Benth~~) ~~gracer~~ occasional

79 Elymus triticoides Buckl common

80 Chaenactis glabriuscula var. lanosa (DC) Hall

81 Gilia pharmaceoides Benth. covering

82 Oenothera californica S. Wats frequent

83 Wyethia coriacea Gray common

84 Cryptantha ~~muricata~~ Jones intermedia form "

85 ~~Aster~~ Erigeron foliosus Nutt "

86 Corallorhiza maculata Raf occasional
fls brown with side petals brownish white
with purple spots & lip white with
few purple spots

87 Penstemon ~~antirrhinoides~~ centranthifolius Benth.

88 Crassulaceae
Dudleya congesta Britton

89 Arenaria macradenia Wats

along boggy places, Garner Ranch 4500 ft
in meadows " " "
" gravel soil Hemet Valley "
many acres, dry gravel soil " " "
" " " " "
on dry slopes " " "
" " gravel soil " " "
" dry slopes ~~near~~ small canyon " "
among needles under pines near
Keen Camp

common thruout Hemet Valley 4500 ft.
mostly in coarse sand, occasional
in open spots in good alluvial soil
abundant dry rocky slopes,
2 mi below Kenworthy "
" " " "

6/24 Trip up Pipe Creek,

5790 Amorpha californica Nutt

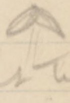
91 Sambucus velutina D & H.

92 Frasera Parryi ~~Wats~~ Torr
Petals green-white with blue-green spots
Ovary " " "

93 Oxytheca emarginata Hall

94 Achillea Millefolium var lanulosa (Nutt) Piper

95 Delphinium Parryi Gray

96. Penstemon spectabilis Thurb.
Corolla tube suddenly dilated reddish purple, dorsally & bluish white ventrally, Limb bright blue with whitish line at base. Stamen filaments white at base bluish toward tip
Anthers white divergent 
Sterile . glabrous, white at tip, flat.

97 Erigeron divergens T & G

98 Drudeophytum Parishii C & R

99 Trifolium microcephalum Pursh

5800 " variegatum Nutt

Hemet Valley   Mostly Upper Sonoran

Common all along creek	4600
Occasional along "	"
On dry slopes	"
Occasional among shrubs, base of dry slope	4700
common on wet banks of creek	4800
" " grassy slopes	4800
Occasional dry rocky deserted road, upper part of creek	5100
frequent, grassy banks along creek	5200
frequent dry rocky slope among shrubs	5100
common moist banks of creek	5200
" " " "	"

Pipe Creek -

5801 Carex

2 Moss Bryum Muhlenbeckii B & S.

3 Lathyrus violaceus Greene

4. Acer Negundo var. californicum Sarg.

5 Fremontia californica Torr.

6 Cornus glabrata Michx
Shrubs erect, 15 ft. high, branches & twigs gray.

7. Aquilegia truncata F & M

8. Plagiobothrys ———

9 Bloomeria crocea Cov.

10 Fraxinus coriacea Wats

11 Calochortus concolor Purdy

12 Mirabilis Froebellii Greene
(also common in chaparral in Vandeventer Flat & Santa

6/24

Moist banks of creek 5200

" " " "

Climbing on bushes, in bench of creek "

Occasional along upper parts of creek 5200

" " lower slopes "

Frequent along creek 5000

Occasional " " "

" moist soil " " "

prostrate
common along creek "

" " " 4800

occasional in dry rock-crevices "

one plant on dry rock-ledges "

Rosa Mts)

From Kenworthy to Vandeventer

Magnificent life-oaks in V. Flat

5813 Salvia carnosa compacta Hell. occasional
fls lavender, shrub low 2' +

14 Lupinus densiflorus common

15 Sphaeralcea sp. frequent

16 Eriodictyon trichocalyx Heller local

17 Rhamnus caly var. tomentella B. & W. common

18 Oxytheca trilobata Gray local
almost prostrate

19 Trichostema lanatum Benth. occasional

20 Gilia densifolia Benth. common

21 Helianthus gracilentus Gray local
perennial

22 Eriogonum Baileyi Wats

23 Lonicera subspicata H & A frequent
semi scandent shrub.
also in chaparral

Flat & part way up creek to
Santa Rosa 6/25
rocky wash of creek, so side S. R. Mts 5000
somewhat matted
in V. Flat & up the creek in
sandy alluvial soil 4700
" " soil V. Flat "

in dry bench of small creek, so side " 5000

" " " "

under shrubs, dry slope, V. Flat 4600

dry slopes bet. Hemet Valley & 4700
V. Flat.

" " " " " "
"
along sides of wash bet H. "
& V. Flat "
" " "

" " " "

Santa Rosa Mts

To Santa Rosa 6/26

5824 Brickellia oblongifolia var. linifolia (Gray) Robinson

25 Trichostema lanatum Benth

26 Penstemon Palmeri var. grinnellii (Eastwood)

27. Aphyllon californicum Gray

28 Salvia apiana Jeps

29 " " Jeps. corolla lip flat
blue fls, calyx purplish

30 Salvia apiana:
small fls

— 31 Lupinus albifrons

32 Gayophytum sp

33 Monardella nana var. arida (Hall) Abrams

34 Castilleja sp.

35 Chaenactis Parishii Gray

Upper part of chaparral

Frequent along old road over dry hills in chaparral	6000
frequent " "	"
one plant seen in sandy wash near creek	5800
common ~~under~~ of Artemisia tridentata all along V. Flat & canyon to Santa Rosa	5600
common on dry rocky hillsides	"
" "	
ant	
" "	
occasional "	
common on old ~~road~~ on dry slopes	6000
occasional " "	6000
frequent on partly shaded rocky "	5700
" " "	"
" " "	"

Santa Rosa 6/27

5836 Equisetum Funstoni A A Eaton

37 " Funstoni A A Eaton

38 " Funstoni A.A. Eaton

(caespitose & unbranched at base & some mixed. 5838 has both

39. Eremocarya lepida (Gray) Greene

— 40 Lupinus formosus

41. Pentstemon labrosus Gray

42 Lotus ?

43 Convolvulus villosus var. fulcratus Gray

44 Silene verecunda var platyota (Wats) Jeps

45 Oenothera californica Wats

— 46 Lupinus cytisoides
corolla pale lavender

47 Pentstemon ~~[illegible]~~ centranthifolius Benth

48 Linum Lewisii Pursh

pine belt

Sand along stream 6500 ft

" " " 1

" " " 1

both common, patches of each, on same roots)

common, dry gravelly slopes near creek 4

" " benches under pines 4

" " " " "

& near creek 4

" dry slopes " " 4
~~and~~

" " " " " "

on benches near creek

occasional " " under pines "

common, dry gravel soil on benches under pines, among rabbit-brush 4

common along washes & creeks 9

" dry benches & fans "

" " " " c.

Santa Rosa 6/27

5849 Pellaea mucronata var. calif. (Lemmon)
50 Gilia
51 Lotus nevadensis (Wats) Greene
52 Penstemon ~~ternatus~~ Torr
53 Lotus ~~nevadensis (Wats)~~ crassifolius (Benth) Greene
54 Scutellaria angustifolia Pursh
55 Fragaria californica C & S
56. Calochortus Nuttallii Torr
57 Eriophyllum confertiflorum (DC) Gray
58 Galium angustifolium Nutt
59 Gilia Nuttallii var. montana (Nutt) Brand
60 ~~Caulanthus amplexicaulis Wats~~ Streptanthus campestris Wats
61 Muilla serotina Greene
62 Carex Hassei Bailey

pine belt

occasional under rocks 6500

common dry benches under pines "

" " " under pines "

" along washes & about rocks "

" along creek "

" on dry slopes & benches "

" " banks of creek "

abundant " dry benches near " "

common " " "

" " " "

" " " "

occasional about rocks "

" on ~~along~~ dry bench near creek "

" " moist banks " " "

About Santa Rosa 6/27

5863 Moss Bryum turbinatum

64 Arctostaphylos —

Toro Peak & high ri

65 Corallorhiza maculata Raf

66 Thalictrum Fendleri Engelm frequent,

67. Silene Parishii Wats "

68 Woodsia oregana DC Eaton "

69 Selaginella Watsoni Underw "

70 Draba corrugata Wats var saxosa (Davidson)

71 Phlox austromontana Coville

72 Astragalus leucolobus Jones
rose colored flo.

73 Galium sp

74 Gilia pungens var Hookeri (Dougl) Gray

75 Heuchera rubescens Torr abundant

pine belt

wet banks along creek	6500 ft
dry ~~rock~~ slopes among pines	6700 "
dges 6/28	
frequent under willows along creek	7000 "
high slopes north side of range	8000 "
about rocks on higher peaks	8~~1~~00 "
" " " " slopes on north side	8300 "
about rocks on north slope of upper part of Toro Peak, with Pinus flexilis	8300 "
with preceding	
high ridges & rocky slopes	8000 "
" " " "	7500-8300 "
" " " "	
" " " "	"
" " " "	"
about rocks	

High peaks, 6/28

5876 Arabis perennans Wats occasional

77 Hulsea vestita var. callicarpha (Wats) Hall "

78 Ribes cereum Dougl frequent

79 Symphoricarpus Parishii Rydb common
apparently rooting at ends of branches

80 Pedicularis semibarbata Gray occasional

81 I of Puccinia plantatoria Peck

82 Euphorbia Palmeri Engelm frequent

83 Sitanion jubatum J G Smith occasional

84. Sarcodes sanguinea Torr. "

85 Libocedrus decurrens Torr abundant

86 Pinus flexilis James "

87 Hieracium horridum Fries occasional

Jeffrey & yellow pine, Kellogg
cedar in upper parts the pines, canyon oak,
but no P. Murrayana, nor

high ridges & rocky slopes	7900
" "	"
in rocky places on high ridges	"
" slopes & "	"
which bend over to touch ground	
under pines on higher slopes	"
on Phlox austromontana	"
under pines " "	"
" " "	"
" " "	"
along canyons & cooler slopes	6500-8000
on Toro Peak, especially on north slope	8000-8500
dry slopes & ridges	8000

Oak canyon oak? white fir & incense
white fir & at very top Pinus flexilis.
P. Lambertiana noticed. !

About Santa Rosa 6/29

5888	Salvia carnosa compacta Hall	common
		just begin
89	Erysimum asperum DC	common
		Santa Rosa
90	Woodsia oregana D C Eaton	one plant
		shaded
91	~~Aster~~	common
		S. R to
92	Hymenopappus lugens Greene	occasional
93	Arenaria macradenia Wats flo. white	frequent
94	Eriogoneum —	common
95	Astragalus ~~Parishii Gray~~ Douglasii var tejonensis Jones	"
96	Trifolium sp	abundant
97	Ranunculus Cymbalaria Pursh	"
98	Trifolium Wormskjoldii Lehm	"
99	Eleocharis montana R & S	"
5900	~~Mimulus luteus~~ —	"
1	Rosa californica C & S	"

pine belt

on dry slopes near Santa Rosa 7000
ning to bloom, extends to top of ridge
on benches & dry slopes from 7000
to top of ridge
in shelter of small rock on dry
slope so-east of S.R. 7200
on dry slopes & benches from
high ridges 7000
on dry slopes among pines "

on " " " " "

" " benches 6700

" " " & dry slopes 6600
among pines to high ridges
wet meadow, S.R 6/30 6500

" " " " "

" " " " "

" " " " "

" " " " "

6
along small stream " " "

about Santa Rosa 6/30

5902 Juncus phaeocephalus var. paniculatus fr
5902a = 6344 Stachys albens ? Gray
3 Sonchus asper (L) Hill

4 Carex

5 Anemopsis calif. Hook

6 Sisymbrium Cumingianum F. M

7 Quercus ~~dumosa Nutt~~ Wislizenii A. DC.

8 " chrysolepis Liebm

9 Montia perfoliata Howell

10 " exigua (T & G) Jepson

11 Mimulus rubellus Gray —
small pink fls

12 Plagiobothrys californica Greene
prostrate

13 Mimetanthe pilosa (Benth) Greene
fls. yellow pl. viscid

14 Silene antirrhina L.

— 15 Lupinus concinnus

pine belt

ulata frequent along small stream, S. R. 6500
" " " " "
occasional " " " "
" " " "
" in wet meadow " "
frequent as weed about deserted Indian village "
common on benches etc at lower edge of pine belt "
common ~~in~~ draws, canyons, etc, up to near top of ridge "
occasional along moist banks "
" " " " "
" " " " "
ne " x local on gravel bench beneath pines "
common along small draws on benches among pines "
occasional along small draw " bench ~~among~~ pines "
" on gravel benches under pines "

about Santa Rosa

5916 Chaenactis glabriuscula var. tenuifolia (Nutt.) Hall

17 Calochortus concolor Purdy

18 Specularia biflora Gray

19. Gnaphalium palustre Nutt

20 Nolina Parryi Wats

21 Monardella linóides Gray
just beginning to bloom

22 Pteridium aquilinum var. pubescens

23 Phacelia californica Cham.

24 Amorpha californica Nutt

25 Cercocarpus betulaefolius Hook

To Old Nicholas

26 Phacelia ramosissima var suffrutescens (Parry)

27 Gilia densifolia Benth

28 Nolina Parryi Wats

6/30 lower edge of pine belt

frequent on gravel bench 6500 ft
among pines
local on dry rocky slopes, between "
pines
rare, along wet banks "

frequent " drying banks of "
small draws
common on dry rocky slopes
of upper chaparral "
common on dry rocky slopes "
at lower edge of pine belt
very infrequent about rocks at lower
edge of pine belt "
frequent on dry slopes, among "
pines
common about rocks & on
dry slopes, (ascending much higher) "
common as chaparral constituent "

Canyon 7/1

Chaparral on slopes below Santa Rosa 5800

frequent on dry slopes in chaparral 5000
near Old Nichola's Canyon
common on rocky slopes in 5800
chaparral below Santa Rosa

Trip to Old Nicholas Ca

Occasional Pinus ponderosa descending
upper Sonoran: from here east rapid tran

5929 Eriogonum fasciculatum Benth
var. polifolium (Benth) T & G

30 Penstemon antirrhinoides
var. microphyllus (Gray) M & J

31 " Clevelandi
var. connatus M. & J.

32 Datisca glomerata (Presl) B & H

33 Scrophularia californica Cham.

34 Epipactis gigantea Dougl

35 Astragalus

36 Monardella nana arida (Hall) Abrams

37 Cheilanthes Covillei Maxon

38 Pellaea mucronata D.C. Eaton

39 " mucronata var. calif (Lemmon) M. & J

40 Oenothera hirtella Greene

41 Sisyrinchium bellum Wats

42 Agave consociata Trel. clumps of man
compact rosettes, 3' across, 1-1¼ ft high.
Fl. stalk 10-12 ft.

7|1|22

Canyon
nto this canyon but for most part it is
tion from typical chaparral to more arid slopes with Pinus monophylla, etc., scattered.
ommon ~~in~~ chaparral on dry slopes of 5000 ft
Old Nicholas Canyon
cally common on dry rocky slope
of Old Nicholas Canyon 4800 ft
abundant on dry slopes & mesas 4800 ft
near O. N. Canyon & to the east
along stream in O. N. Canyon 4700.

frequent on rocky slopes, O. N. Canyon 4800 ft

ccasional along stream in " " "

alkali seep on hillside east of " 5000

common ~~on~~ clearings in chaparral
on dry slopes west O. N. Canyon 5000
" about rocks on dry slopes
near Old Santa Rosa 4600
common about rocks, ½ mi
east of O. N. Canyon 4800
about rocks in O N Canyon 4700

common sandy benches & draws 6200
about Santa Rosa
about alkali seep on hillside ½ mi
east of O. N. Canyon 4900
abundant on dry rocky canyon walls
1 mi so-east of O. N. Canyon

5943 Quercus Kelloggii Newberry

44 Plantago major L

Back to Pipe Creek

45 Monardella lanceolata Gray

46 Iva axillaris Pursh

47. Salsola Kali var tenuifolia G. F. W. Mey

48 I of Uromyces proeminens (DC) Pass

49 Tetradymia comosa Gray

50 Cryptantha sp

51 Stephanomeica exigua Nutt

52. Nicotiana attenuata Torrey

53 Stanleya pinnatifida Nutt

54 Sisymbrium altissimum L

55 Quercus agrifolia Née

common on benches & gentle slopes about
Santa Rosa; fine large trees 7/2 6500 ft
common in wet meadows, Santa Rosa 7/2 "

7/3/22
common head of Thomas Valley 5000
gentle gravelly slopes
fine sandy soil roadside in 4500 ft
Vandeventer Flat
roadside weed, Vandeventer Flat "

frequent, as erect form in with
E. albomarginata, sandy roadbed, Vand Flat "
local in sandy valley, Vand. Flat "

" " " "

frequent " " "
  & in chaparral on so. side of S.R. Mts
occasional in Vand. Flat and eastward "
  so of S.R. Mts
occasional, sandy valley, Vand. Flat "

common weed " " "

common along washes " "
fine large trees 6 ft diam.

Santa Rosa to

5956 Rhus trilobata Nutt

57. Salvia apiana Jeps

58 Galium Andrewsii Gray

59 Ceanothus greggii Gray

60. Hulsea vestita var. callicarpha (Wats.) Hall

61 Encelia frutescens Gray f.?

62. ~~Dawya~~ ?, Lomatium

63 Asclepias californica Greene

64 Frasera Parryi Torr.

65 Troximon plebeium Greene

Pipe Creek in Thomas Valley 7/3

along benches of creeks & in chaparral, 5000 ft
so. slopes S.R. Mts up to 6500 ft.
dry rocky slopes, so. side S.R. Mts 5300

undergrowth in chaparral, so. side 5500
S.R. Mts, especially on benches
important constituent of chaparral "
of so. slopes S.R. Mts.
skunk bush, chamisal & manzanita
near creek, so. side S.R. Mts 5500

occasional dry slopes & benches, 5300
so side S.R. Mts
occasional benches & slopes so side S.R.
Mts under shrubs of chaparral "
~~freq~~ occasional " " on
dry slopes, so. side of S.R. Mts "
frequent on dry slopes & benches
of so slopes of S.R. Mts in "
chaparral & lower pine belt
dry benches under pines 6300

Pipe Creek to Keen Camp

5966 Lepidium —

67 Phleum pratense ? L

68 Lotus americanus Bisch

69 Aquatic Elatine brachysperma Gray

70 Stipa setigera Presl

71 Carex praegracilis W. Boott

72 Eleocharis palustris R & S

73. Gilia —

74 Malacothrix californica DC

75 Sisymbrium Cumingianum F & M.

76 Penstemon linarioides Gray

7/4/22

common, dry sandy soil in meadows, Hemet Valley		4500 ft
occasional moist meadows	"	"
common meadows	"	"
in shallow pool, 3 mi below Kenworthy		"
dry edges of meadows,	"	"
meadows 4 "	"	"
wet " (dried pore) 3 "		"
common dry sandy fields	"	"
" " " "	"	3

well established in wire-grass field, 1½ mi below Kenworthy
common locally on dry rocky slopes 2 mi below Kenworthy

Tahquitz Valley

5977 Antennaria speciosa E. Nels

78. Lupinus formosus
fls. bluish lavender banner with yellowish white spot

79 " cytisoides
fls bluish white with darker veins

80 Salix lutea Watsoni Bebb.

81 Polytrichum juniperinum Willd

82 ~~Moss~~ Bryum turbinatum (Hedw) Schwaegr

83 Mimulus ~~primuloides~~ Benth.
corolla yellow with brown spots

84 Veronica serpyllifolia L

85 Geranium Fremonti Torr.

86 ~~Potentilla~~ Hallii Rydb ?
fls bright yellow

87 Potentilla
fls cream color

88 Cystopteris fragilis (L.) Bernh

89 Eriogonum ~~molestum Wats.~~ nudum Benth var Davidsonii (Greene) Jepson

90 Habenaria leucostachys Wats

7/6/22

abundant in dry gentle slopes
near meadow 720op
covering great areas of dry bench land
near meadow 730
common along streams 720
lavender banner
" " " 4

common banks of creek 4

wet " " 1

common wet meadow 4
in throat
occasional wet banks 1

common about meadow 1

" dry edges of " 4

" " " 4

" along banks of streams 4

" dry rocky slope 1

frequent on mossy banks 4

Tahquitz Valley

5991 Athyrium Filix-foemina var. californicum Butters
all Sterile

92 Mimulus Tilingi Regel ~~var. corallinus (Greene)~~
corolla bright yellow
lower lip spotted reddish brown &

93 Dodecatheon alpinum (Gray) Greene

94 ~~Montia~~ Montia chamissoi Dur & Jac

95 Mimulus Suksdorfii Gray
yellowish

96 Mimulus Breweri (~~Greene~~) Coville
pink

97 Aster Andersonii Gray

98 Hypericum anagalloides C & S

99 Juncus phaeocephalus paniculatus Engelm

6000 Luzula campestris DC

1 Polygonum bistortoides Pursh

2 Ribes cereum Dougl

3 Spraguea umbellata Torr

4 Calyptridium Parryi Gray

7/6/22

occasional	on wet banks	7200 ft
common	wet places along creek	"
Grant bearded common	wet places in meadow	"
"	" banks of creek	"
"	drier banks about meadow	"
"	" " " "	"
"	wet places in "	"
"	" "	"
"	" "	"
"	" "	"
"	" "	"
"	about meadow "	"
"	on benches near " "	"
"	" "	"

Tahquitz Valley

6005 Carex Hoodii Boott.

6 Smilacina stellata Desf.

7 Penstemon Bridgesii Gray

8 " Rothrockii Gray
var. jacintensis

9 Pterospora andromedea Nutt

10 Trifolium monanthum Gray

11 Horkelia ?

12 Pteridium aquilinum var. pubescens Underw

13 Agrostis idahoensis Nash

14 Phleum alpinum L.

15 Gilia tenuiflora Benth

16 Symphoricarpos Parishii Rydb

17 Lotus nevadensis (Wats.) Greene

7/6/22

common at edges of meadow 7200

" " " "

on dry disintegrated granite 7000
of rocky slopes trail from ~~Tilly~~ Valley
to Tahquitz' 7/5/22
common on benches under Abies 7400
head of Tahquitz Valley 7/5/22
clump under pines & firs in
valley on way to zigzag to 6000
Tahquitz Valley 7/5/22
common wet meadow, T.V. 7200

" " " "

" about " " "
& gentle slopes

common, wet meadow " 7200

" " "

dry gravelly slopes, edge of
meadow "
common about rocks & dry slopes "

" dry slopes under pines "

6018 Castanopsis sempervirens (Kell) Dudley

19 Sagina Linnaei Presl
Trif. Tahquitz Valley

20. Pedicularis semibarbata Gray

21 Draba corrugata Wats

22 Galium sp?

23. Hieracium horridum Fries

24 Sarcodes sanguinea Torr.

25 Lupinus Grayi Wats

26 Carex yosemitana Bailey

27 Penstemon Rothrockii Gray

28 Rubus parviflorus Nutt

29 Rhododendron occidentale Gray

30 Athyrium Filix-foemina var calif. Butters

7/6

common dry slopes about Tahquitz Valley | 7200 ft
" " | wet banks | "
to Round Valley 7/6

common under Abies on shaded slope bet. Hidden Lake & Round Valley | 8400 ft
abundant with 6020 | "

about rocks, shaded slope above Hidden Lake | "
about rocks dry slope on zigzag from Tahquitz to Hidden Lake | 7800
frequent under pines
Hidden Lake | 8000
common on dry, disintegrated granite slopes with 6023 | 7700
hill-side seep. bet Tahquitz Creek & Hidden Lake | 7500
common at 7500 - 8500 ft from Tahquitz Valley to Round Valley on shaded slopes & ridges & on benches | 7600
common along banks of north fork of Tahquitz Creek at | 7300 ft
with 6029

frequent along north fork of Tahquitz Cr. | 7300

Tahquitz Valley to Round Valley

6031 Osmorhiza nuda Torr

32 Prunus emarginata Walp

33 Monardella nana var. tenuiflora (Wats) Abrams

34 Ranunculus alismaefolius Geyer var. alismellus Gray

~~35~~

To top of San Jacinto

35 Pteridium pubescens

36 Castilleja parviflora? Bong

37 Pinus flexilis James

38 " Murrayana

39 Spraguea umbellata Torr common

40 Carex abundant

41 Cystopteris fragilis (L) Bernh. occasional

42 Ranunculus Eschscholtzii Schlechr occasional

43 Draba corrugata Wats var. saxosa (Davidson) M.J. common

varies much due to Exposure
pls in shade with larger leaves + lax

alley 7/6
in low shaded gulley bet T.V. & R.V. 7200ft
common on fairly moist slopes 7300ft
common on dry rocky slopes 7500ft
" wet meadow just beyond T.V. 7300ft
to Peak 7/7
common at Tamarack Valley 9200ft
" on open slopes above " " 9800ft
near summit 10750ft
" " "
10800
at " (soil pockets
at " "
rock crevices at summit 10780
under overhanging rocks " "
" " "
* in soil pockets
habit.

Trip to San

6044 Heuchera elegans Abrams

45 Selaginella Watsoni Underw

46 Ribes lacustre var. molle Gray

47 Carex nebraskensis Dewey

48 Viola ~~blanda Willd? rather fits V. pallens (Banks) Brainerd~~ praemorsa Dougl

49 Pyrola minor L.

50 Eleocharis acicularis R & S

51 Cystopteris fragilis (L.)

52 Carex

53 Viola blanda Willd. apparently fits V. pallens (Banks) Brainerd

54 Moss Pohlia nutans.

Round Valley to meadow

55 Chimaphila umbellata (L.) Nutt.

56 Hulsea vestita var callicarpha (Wats.) Hall

Jacinto Peak 7/7/22

abundant in rock-crevices at top 10780

" " " "

" " " "

common Round Valley 9000 ft
wet meadow

Brainerd " on open slope above 9700 ft
Tamarack Valley

occasional edge of wet places, as
on old decayed logs Round Valley 8900
common in wet meadow " " "

frequent along streams, moist rocks, etc.
Round Valley 8900
common wet meadow " " "

" " banks " " "

ward

" " " " " "

1/3 mi no of Tahquitz Valley 7/7/22
shaded slopes of canyon of no fork
of Tahquitz Creek 7000 ft
frequent on dry slopes along
zigzag so of Hidden Lake 7700 ft

6057 Lupinus cytisoides Agardh
fls rose-color (pink) banner white spotted veined darker
58 Gilia pungens var. Hookeri (Dougl.)
59 Ceanothus cordulatus
60 Phacelia californica f. Ballii (Brand) Macbride
61 Lotus crassifolius (Benth) Greene
62 Penstemon Palmeri var. Grinnellii (Eastw.) Munz & Johnston
63 " labrosus Hook.
64 Helenium Bigelovii Gray
65 Habenaria leucostachys Wats
66. Lilium Parryi Wats
67 Eleocharis acicularis R & S
68. Moss Philonotis fontana

7/7/22

common along small stream north of no fork of Tahquitz Creek 7200 ft
with 6056

near 6057

among pines on benches with much brake fern, Fern Valley 5800 ft 7/8/22
" " "

occasional in gravelly places in Fern Valley. 5800 ft "
head of Tahquitz Valley 7500 ft. "

occasional in meadow just north of Tahquitz Valley 7300 ft 7/7/22

abundant along streams in meadow, no of F.V. " "
frequent " " " "

common wet meadow, no of T.V "

" Skunk-cabbage meadow "

Trip into San Antonio Mts
with the Peirsons

6069. Pycnanthemum californicum Torr | wet | m
70 Equisetum arvense L | " |
71 Scirpus microcarpus Presl | " |

---

72 Pyrola pallida Greene | occ | as
73 Calochortus Nuttallii Torr | | co
July 18
74. Fritillaria pinetorum Davidson | | oc
.75. Cystopteris | | on
76. Cryptantha muricata (H & A) Nels & Macbr. | |
77 Cheilanthes Covillei Maxon | | f
78 Galium
79. Gilia pungens Benth
80 Corallorhiza maculata Raf | | lo
81 Sagina Linnaei Presl | | r
82 Viola blanda Willd.

July 17, 1922

meadow on hillside below Camp Baldy 4200 ft

" " " " " "

" " " " " "

asional on dry slopes under pines, Icehouse 7100

common " " " Kelly's Cabin 8100

occasional " ridge, east of Ont Peak 8400

one patch in rock-crevice, Kellys Cabin 8000

local on dry ridge, east of Ont. Peak 8400

frequent ~~in~~ rock-crevices on south-slopes, " "

" dry ridge east Ont Peak "

" " " " "

local under pines, Kelly's Cabin 8100

rare, edge of Spring " "

" " " "

7/18

6083 Juncus Mertensianus Bong

84 Moss

85 Carex

86 Cystopteris fragilis (L.) Bernh. rare, with Heuchera

87 Polystichum munitum (Kaulf.) Presl

88 Zauschneria viscosa Mox

89 Rust on Pedicularis
Puccinia rufescens D & H.

90 Heuchera elegans Abrams

91 Rubus leucodermis Dougl

92 Hieracium albiflorum Hook.

93 Eriophyllum confertiflorum (DC) Gray
var. discoideum Greene

94 Cycladenia humilis Benth

95 Penstemon Palmeri var. Grinnellii (Eastw.) M & J

7/19 96 " Bridgesii Gray

6096a Chimaphila Menziesii Spreng.

edge of springy place, Kelly's Cabin 8100

wet log " "

springy place " "

rock-crevices, north slope of ridge east of Out Pk 8500

one plant, " west " " " 8600

frequent on dry ridge, east of " " 8500

" " "

" " rock-crevices " " "

occasional Icehouse Canyon dry slopes 7500

local in side canyon of Icehouse 6500

occasional dry slopes " "

" " ridge, east of Out Pk 8300 ft

common dry ridge " " & Cucamonga 8000 ft

" dry loose slopes Cucamonga 8000 ft

rare among rocks east of Kelly's Cabin 8200 "

6097 Draba corrugata Wats

98 Eriogonum microthecum Nutt

99 " umbellatum Torr
near var. minus Johnston

6100 Botrychium Lunaria (L) Sw

~~1 Moss~~

1 Moss Bryum turbinatum
" pallescens

7/20/32

2 "

3 " Grimmia pulvinata

4 Arabis repanda Wats

5 Carex Hassei Bailey

6 Smilacina stellata Desf. very

7 Equisetum Funstoni A A Eaton

*

8 Rust on Ribes cereum Dougl
I of Cronartium occidentale

9 ~~Boschniakia~~
Calochortus Nuttallii Torr

7/19/22

frequent rocky slopes Cucamonga 8000 ft

one colony dry rocky ridge on
~~east~~ slopes of Cucamonga 8600
frequent on north slope of " 8500 ft

" in shade of Smilacina
Pteridium, etc. about decaying logs, etc in
Coldwater Fork of Lytle Creek 7000 ft.
wet springy banks Coldwater Fk "

" " "

frequent dry rocks, near divide 7700

" " loose slopes, Coldwater Fk 7100

local, springy hillside " " 7000

abundant " banks " " "

occasional " " " " "

frequent " " " " "

~~" dry loose ridges bet " " 7900~~
local, meadow, Coldwater Fk ? 7000

7/21/22

6110 Sericotheca concolor Rydb.

11 Allium monticola Davidson

12 Erigeron jacinteus Hall

13 Heuchera Abramsii Rydb

14 Monardella cinerea Abrams

15 Drudeophytum vestitum (Wats) C & R
flower stalks appear almost before leaves as plants are exposed by melting of snow

16 Penstemon Palmeri var. Grinnellii (Eastw.) M & J

17 Carex

18 "

19 Silene verecunda Wats var. platyota (Wats) Jeps.

20 Eriogonum molestum Wats ~~nudum Dougl.~~ Davidsonii (Greene) Jeps. Jeps

21 Pinus Murryana Balfour

22. Cystopteris fragilis (L) Bernh

23 Chenopodium —

dry ridge, Devil's Backbone 8700 ft

" slopes, among talus
Little Baldy 9500 ft

rare, east slope Baldy, just above saddle 9500 ft
bet " " Little Baldy

common about rocks, Baldy 10000 ft

abundant rocky slopes 9400
saddle bet Baldy & Little B

common, rocky east slopes, Baldy 9,800

" " " 9600

about rocks, no slope " 9500

" " east " " 9800

abundant, " slopes, Little Baldy 9500

Occasional, dry rocky ridge, D. Backbone 8500

common dry slopes upper part " 9000 ft

occasional about rocks no slope 9400 —
9700

one colony in pocket near cabin, summit of ridge bet Baldy
San Antonio & Coldwater 7800 ft

6124 Rumex crispus L

25 Helenium —

26 Eriogonum nudum Dougl.

6127 Oenothera laciniata Hill

with 6123 7800 ft.

abundant springy place in July 22
San Antonio Canyon at 6500 ft
common dry slopes S. A. Canyon 6000 ft 7/22

Pasadena, as weed no of N. Y. Ave 7/17
at Persons

Trip with F.W. & Mabel Pe

up Santa Ana River

6128 Pentstemon labrosus, Hook

29. ~~Franseria~~ acanthicarpa (Hook) Coville

30 Bahia dissecta (Gray) Britton

31 Pentstemon Bridgesii Gray

32 Horkelia bernardina Rydb

33 Aster ~~delectabilis Hall~~ Fremonti

34 " Fremonti Parishii Gray

35 Mentha arvensis L.

36 Solidago occidentalis (Nutt) T.&G.

37 Nicotiana attenuata Torr

38 Artemisia Ludoviciana Nutt

39 Selinum eryngiifolium. Greene

40 Carex alma Bailey

41 " lanuginosa Michx.

Peirson into San Bernardino Mts

Aug. 21, 1922

frequent	dry benches	Santa Ana River	6800 ft
common	sandy & gravelly benches	"	6500 "
rare	dry sandy bank	"	6600 "
dry gravelly benches		"	6500
" sandy bank		"	6800
	lower end Big Meadows		
wet meadows	"	"	6800
"	"	"	"
"	"	"	"
"	"	"	"
occasional	gravelly benches	S.A.R.	6600
frequent	wet banks, Big Md.		6800
	"	"	"
	"	"	"
	"	"	"

Aug 21,

6142 Juncus phaeocephalus Engelm wet banks

43 Agrostis exarata Trin "

44 Juncus effusus L. "

45 Gutierrezia Sarothrae (Pursh) B & R frequent

46. Clematis ligusticifolia Nutt "

47 Salvia carnosa var compacta Hall common

48. Eriogonum Parishii Wats "

49. Monardella lanceolata Gray "

50 Lotus americanus (~~Rips~~) Nutt -

51 Polygonum Douglasii ? Greene "

52 Arenaria Saxosa Gray occasional

53 Bouteloua gracilis Lag locally c

54 Lotus — (white) "

- 55 Galium

lower end Big Md. S. A. River			6800
"	"	"	"
Santa Ana River			6200
dry slopes	"		6300
Santa River bottom			6300
dry slopes SA River			6300
gravelly benches SA River			6300
" " & dry slopes		"	6300
dry slopes		"	"
dry gravelly benches		"	"
sandy soil by So Fk			6300
common gravelly benches		"	6500
" " "		"	6500
" banks		"	6500

6156 Pellaea mucronata
some pls approaching californica

57 Gilia virgata ——

→ 58 Gilia

59 Hemizonia Wheeleri Gray

60 Artemisia dracunculoides Pursh

61 Stephanomeria —

62 Corethrogyne filaginifolia (H & A)
var. bernardina (Abrams) Hall Nutt

63 Moss Funaria hygrometrica

Up South Fork up to confluence of Dollar Lake Stream

64 Botrychium simplex E. Hitchc.

65 Microstylis monophyllos (L.) Lindl

66 Gentiana humilis Stev

67 Viola blanda Willd

68 arenaria saxosa Gray

Aug. 21

common rocky slopes S.A. River 6500

" gravelly benches " 6500

" " " " "

" dry " " " "

" " 6700

frequent " " 6500

" " " 6500

a wet banks S.A. River

Aug 22,

and Dry Lake stream.

abundant on small hummocks in
wet meadows from 7500 to 8500 ft.
rare in " at 7800 ft

abundant " 7500 - 8500

common wet meadows " "

occasional moist ~~shaded~~ ~~dry stony~~ bench 7800

8/22

6169 Erigeron foliosus Nutt.

70 Aster canescens Pursh

71 Stellaria borealis Bigel.

72 Erigeron

73 Hypericum formosum HBK

74 Sidalcea malvaeflora Gray.

75 Polemonium coeruleum L

76. Gentiana simplex Gray

77. " acuta Michx

78 Silene Menziesii Hook

79. Carex rostrata Stokes.

80 Radicula obtusa (Nutt) Greene

81 Carex Hassei Bailey

82 Rust Uromyces junci on Juncus sp.

local dry slope at junction	8500
shade, edge of meadow	8500
wet meadow	7800-8500
" "	7600
occasional along streams	7600
shade of willows, wet meadow	"
occasional along streams	"
frequent wet meadows	"
" " "	"
occasional " "	7500
frequent " "	7600
occasional " "	"
wet "	"
" "	"

8/22

6183 Erigeron foliosus Nutt. Send name to FWP

84 Carex Hassei Bailey

85 Juncus phaeocephalus paniculatus Engelm

86 Luzula campestris DC

87 Scirpus pauciflorus Lightf.

88 Microstylis monophyllos (L) Lindl

89 Pyrola minor L.

90 Polygonum Douglasii ~~Greene~~

91 Carex

92 Selaginella Watsoni Underw

93 Pohlia nuda (Schwaegr.) Lindb.
(with Leptobryum pyriforme
& Bryum turbinatum)

(

dry slope 7200 ft

common wet meadows 8500

"	"	"	"
"	"	"	"
"	"	"	"

forming thick, tough patches, several yards across

2 plants on small hillside boggy fl 8700
up stream from Dollar Lake
with 6188

fairly dry gravelly 8700

common, wet meadows. 8650

shelter small rock, shaded
north slope at junction 8400

common about decaying logs
& wet banks in meadows 7500-8500

8/23

To Dry Lake & San

6194. Bahia dissecta (Gray) Britton
95 Arnica bernardina Greene
96 Gnaphalium palustre Nutt
97 Stellaria longipes Goldie
98. Polygonum amphibium L.
99. Pentstemon labrosus Hook.
6200 Carex nebraskensis Dewey
1 Pentstemon caesius Gray
2 Bryanthus Breweri Gray
3 Sisymbrium
4 Juncus Parryi Engelm.
5 Heuchera —
6 Selaginella Watsoni Underw
7 Cystopteris fragilis (L) Bernh

Gorgonio Mtn.

good colony on stony moraine up Dry Lake stream at 8600

local in wet meadow near Dry Lake 9200

abundant at edges of same meadow 9300

wet meadow 5 6195

abundant in Dry Lake 9100

common on slopes about D.L. (upper limit) 9200

wet meadow with 6197

common on slopes of moraine up to 9500 ft (upper limit)

common from 9500 to 10000

few plants near Dry Lake 9150 in gravelly canyon-bottom

below snowbank at 9800

about rocks from 11000 to summit

" " at summit 11480

rare " " " 11100

8/23

6208 ~~Oxytropis~~ Eriogonum Kennedyi Porter

9 Ranunculus Eschscholtzii Schlecht

10 Hulsea vestita var. pygmaea Gray

11 Oxtropis oreophila Gray

12 Senecio ~~serra~~ var " sanctus Hall

13. Raillardella argentea Gray

14 Potentilla Wheeleri Wats

15 Draba corrugata Wats

16 Antennaria media Greene

17 Erigeron compositus var. discoideus Gray

18 " concinnus var. aphanactis Gray

19. ~~Phlox~~ Gilia pungens

20 Muhlenbergia filiformis Rydb.

21 Sitanion minus J G Smith

22 Carex

on high ridges from 11000 to summit

about rocks near melting snowbanks 9800 to summit

dry ridges 11000 " "

" " " "

small patch on moraine at 9600

common on dry ridges from 11000 to sum

" " "

" about rocks × " from below "

" dry ridges " 11000 to "

frequent " " at 11500

" " " " "

occasional " " " "

frequent " "

" " "

" " "

8/23

6223 Ribes ~~lacustre~~ molle Gray

8/24 Trip up stream

24. Carex

25 Salix orestera Schn. var. ?
"Differs from sp. in longer, narrower leaves and laxer aments. Not before reported south of the Sierras." CR Ball

26 Pyrola picta Smith

27 Arabis repanda Wats

28 Draba corrugata Wats

29. Euphorbia Palmeri Engelm

30 Pellaea mucronata var. californica (Lemmon) MxJ

31 Pentstamon Bridgesii Gray

32 " caesius Gray

33 Hieracium horridum Fries

34. Silene Parishii Wats.

35 Senecio ionophyllus Greene

tre

ll

on)
V

common rocky slopes from 11000 up

am to Dollar Lake, then to ridge east of Mt. San Bernardino

near snowbank on ridge at 10200

in glaciated valley west of So Fk at 9300

occasional on shaded slopes under pines in region about Dollar Lake & west 9000-9400
occasional under pines on dry slopes along So. Fk at 8400 ft
frequent on shaded pine-clad slopes west of So Fk at 9000 ft
occasional on fairly open slopes along So Fk at 8500
occasional about rocks on dry slopes along So. Fk at 8500,
on dry ridge at 10000

common under pines up to 10250

locally abundant about rocks in valley west of So Fk at 9500
about rocks on ridge at 10250

frequent under pines on dry slopes west of So Fork at 9000-9500

8/24

6236 Cryptogramma acrostichoides R. Br

37 Woodsia oregana D C Eaton

38 Arabis perennans Wats

39 Pyrola minor L.

40 Chimaphila umbellata (L.) Nutt

41 Arabis platysperma Gray

42 Arabis perennans Wats?

43 Corallorhiza maculata Raf

44 Sedum niveum Davidson
lvs obovate, bright green, half as thick as wide.

Aug 25 JK So
45. Corethrogyne filaginifolia (H & A) Nutt var. bernardina (Abrams) Hall
46. Silene verecunda Wats var. platyota (Wats) Jeps
47. Antennaria speciosa E. Nels

common about sheltered rocks and on ledges in region south & west of Dollar Lake from 9200 - 10200 ft.
these plants from Dollar Lake 9250 with 6236, but less common.

on rocky ledge above Dollar Lake 9250

locally very abundant at edges of wet meadow along stream below Dollar Lake 8900
very abundant on shaded slopes, especially growing under chinquapin in region below Dollar Lake & to west from 8700 - 10000
frequent on shaded slopes below Dollar Lake 9000
with 6241

occasional on shaded slopes west of Dollar Lake 8500 - 9500
locally abundant on rock ledges above Dollar Lake 9250

So Fk, shaded slope 8200

shaded slope 8300

" " 8200

8/24

6248 Riccia

49 Moss Philonotis fontana

50 " Grimmia pulvinata

Aug. 25. From camp at

51 Chenopodium ———

— 52 Lupinus

53 Psoralea physodes Dougl

54 Cordylanthus Nevinii Gray

55. Eriogonum Kennedyi Porter

56 Horkelia bernardina Rydb

57 Solidago. californica Nutt

58 Drymocallis Hanseni (Greene) Rydb.

— 59. Lupinus Uromyces Lupini B & C.

60 Arceuthobium campylopodum Engelm.

shaded damp ravine below Dollar Lake 9100
stream below Dollar Lake 8900

dry rock-crevices West So Fk. 9200

8400 ft down to mouth of South Fork

local on pine-covered slope at edge of meadow at 7800 ft.
common along small streams in meadows. 7900 ft.
occasional dry pine-covered slope 7000

frequent " " " "

" " " " "

occasional Edge of meadow at 7800 "

common on dry slopes 7800 "

" edge of meadow "

" dry slopes (edge of md) "

on Pinus ponderosa 7000

8/25

6261 Arctostaphylos patula Greene

62 ~~Lotus~~ —

63 Hieracium albiflorum Hook

64 Gayophytum ramosissimum T. & G

65 Monardella epilobioides Greene

66 Castilleja miniata Dougl

67 Thalictrum sparsiflorum? Turcz

68 Senecio triangularis Hook.

69 Parnassia ~~cirrata Piper~~

70 Polygonum bistortoides Pursh

71 Athyrium Filix-femina var. californicum Butters

72 Dodecatheon alpinum Greene

73 Cryptantha —

74 Prunella vulgaris L. var lanceolata Fernald

dry slopes	7800
" " (under pines)	"
" " "	"
Edge of meadows	8000
common on lower slopes	8000
" " " ", edge of meadows	8000
" " wet meadows	8000
occasional in " "	"
" " " "	"
" " " "	"
common " " "	"
" " " "	"
local at Edge of "	"
" wet meadow	8100

8/25

6275 Epilobium adenocaulon? Hausskn
fls. pink.

76 Habenaria leucostachys Wats

77 Barbarea orthoceras Ledeb

78 —— umbellifer

79 Pyrola pallida Greene

80 Solidago confinis Gray

81 Veratrum californicum Durand

8/23/28 82 Elatine americana (Pursh) Arn

83 Limosella

8/26

Trip up Cienega Seca

6284 Gilia arenaria, subsp. leptantha (Parish) Brand
fls. pale magenta.

6285 Eriogonum viminuem Dougl

86. Cheilanthes Covillei Maxon

common in wet meadows 8100

" " " "

" " " "

" " 4

occasional under pines 8200

frequent wet meadows 8100

common " " 8100

edges of Dry Lake 9100

" " " "

Creek.

frequently dry sandy banks 7500

" dry " " "

~~[illegible]~~ occasional dry rocky slope 7900

Cienega Seca Trip

6287 Pentstemon Palmeri var. Grinnellii (Eastw)
88 Eriogonum umbellatum var. stellatum (Benth) Jones
89. Monolepis spathulata Gray
90 ~~Symphoricarpos~~ Parishii Rydb.
91 Veronica americana Schwein
92. Brickellia californica (T & G) Gray
93. ~~Stachys albens~~ Gray
94. Phacelia ramosissima var. suffrutescens Parry
95 Allionia pumila Standl.
96 Gayophytum ramosissimum T & G
97 Epilobium paniculatum Nutt
98 ~~Dorcatheca~~ concolor Rydb.
99. Bahia dissecta (Gray) Britton
6300 Selaginella asprella Maxon

8/26

common dry ridge & slopes 8100

" " " " "

occasional wet sand along creek 7800

frequent ~~shaded~~ slopes & canyons "

" springy place on slopes at 7900

dry rocky walls 7900

local in ~~seep~~ in side canyon 7800

" " " " "

occasional rocky walls " " "

frequent along creek 7500

occasional " " "

" dry rocky walls 7800

" dry sandy banks 7500

" dry rocky wall 7800
of south-facing slope in
small side canyon

8/26

6301 Oxytheca Parishii Parry of form called Abramsii by McGregor

2 Woodsia oregana DC Eaton

3 Selaginella Watsoni Underw

4 Chrysothamnus viscidiflorus var tortifolius (Gray) Hall

5 Taraxacum officinale Weber var. lividum Koch

6 Chrysothamnus nauseosus var. bernardinus Hall

— 7 Lotus

8 Ribes cereum Dougl

9. Galium —

10 Cercocarpus ledifolius Nutt

11 Sambucus velutina D & H

12 Tortula ruralis & Encalypta extinctoria (L.) Sw

13 Leptobryum pyriforme (L.)

Cienega Seca Creek

frequent dry gravelly banks	7100
occasional north-facing rocky walls with 6302	7600
occasional dry gravelly bench	7200
wet springy bank	7900
frequent dry benches	7100
" " "	8000
" shaded banks	7900
" dry stony banks	8000
common " slopes & ridges	7900
locally abundant ~~shaded~~ north-facing slope	7500
common on shaded northern rocky walls	7600

South Fork of Santa Ana : wet meadow ~~8~~ 7500-8500
8/22/'22

8/27 via Barton Flats

6314 Cordylanthus filifolius Nutt.

15 Trichostema lanatum Benth

16 Epicampes rigens Benth

17 Eleocharis acicularis R & S

18 Aster Fremontii var. Parishii Gray

19 ~~Carex~~ Calochortus

20 Scutellaria angustifolia Pursh

21 Juncus canaliculatus Engelm.

22 Lotus americanus

23 Agrostis hiemalis BSP

24 Arabis glabra (L.) Bernh.

25 Montia perfoliata Howell

26 " exigua (T & G) Jepson

27 Marchantia

to Foxesee Creek,

frequent along roadside in chaparral ~~west~~ of Foxesee 5800 ft

in " " " "

common ~~damp~~ meadow Barton Flats 6500

" " " " " "

" " " " " "

" " " " " "

" Edges " " " "

" " " " "

" damp " " " "

" " " " " "

frequent shaded damp sand at small boggy place on Santa Ana 6350
with 6334

" "

" "

8/27 & 8/28

6328 Lotus oblongifolius (Benth)

29 Juncus rugulosus Engelm

30 Gnaphalium microcephalum Nutt.

31 Pycnanthemum californicum Torr.

32 Erigeron foliosus Nutt. dry

8/27 33 Corethrogyne filaginifolia (H & A) Nutt
var. latifolia Nutt

8/27 34 " " " "

8/27 35 Psoralea orbicularis Lindl

8/27 36 Boykinia rotundifolia Parry

8/27 37 Zauschneria —

8/27 38 Eriogonum Parishii Wats
about 1/6 of plant annual

8/27 39 Sidalcea Hickmanii var. Parishii Robinson
fls pale pink

8/27 40 Penstemon ternatus Torr

8/27 41 Amorpha californica Nutt.

wet springy place,	Glen Martin	5000
"	"	
dry slopes	"	"
wet springy place	Glen Martin	5000
road embankment, south of	Santa Ana R.	5000
dry slope	"	"
" "	"	"
wet place	"	4600
moist shaded banks,	Foxesee Cr.	5400
dry " "	"	5400
" filled in bank so. of	Santa Ana R.	4600
occasional dry roadside-bank at	Foxesee Creek	5500
dry banks " "		"
" " " "		"

8/27/22

6342 Epilobium paniculatum Nutt.

8/28 43 Tribulus terrestris L.

6344 See 5902 a

9/2/22 Ponds in canon

45 Xanthium pennsylvanicum Wallr.

46 Rumex persicarioides L.

47 Naias flexilis (Willd.) R & S

48 Potamogeton pectinatus L

49 Verbena bracteosa Michx

50 Baccharis viminea DC

51 Scirpus californicus Britton

52 Paspalum distichum L

53 Ammannia coccinea Rottb.

54 Eleocharis palustris R & S

dry banks of Foxesee Cr. 5500

common on roadside bet
Redlands & Colton

above Laguna

frequent in waste ground near ponds.

" at edge of pond

" in water

" " "

drying bank

edge of water

" "

" "

" "

" "

6355 — Gnaphalium palustre Nutt

56 Sida hederacea (Dougl.) T. & G.

57 Mollugo verticillata L

58 Nitella

59 Euphorbia misera
growing on dry bluff above

59a Cyperus speciosus Vahl

Cressa

Marsilea Heliotropium, Petunia

Lythrum

Laguna Lakes 9/2/22

~~edge~~ drying bank,

" "

" "

in water

At Three Arches below Laguna B
the ocean.

Laguna Lakes

San Jacinto Mts

Sept. 5 6360 Eriogonum Wrightii var. membranaceum Stokes

61 " molestum var. Davidsonii Jeps

9/5 62 Helianthus Parishii Gray

9/5 63 Zauschneria latifolia (Hook) Greene

9/5 64. Aster Andersonii Gray

9/5 65 Spiranthes Romanzoffiana C. & S.

9/5 66 Microstylis monophylla (L) Sw

9/5 67. Eulophis Parishii C & R

9/6 68 Aster delectabilis Hall

9/5 69 Asclepias eriocarpa Benth.

9/6 70 Lilium Parryi Wats

9/6. 71 Osmorhiza nuda Torr

72 Solidago californica Nutt

73 Trichostema micranthum Gray

with Dr. Needham | Sept 1922
& Raoul Needham

common dry sandy soil on slopes near small creek north of Dark Canyon 5000

" " "

occasional along small water courses north end of Strawberry Valley 5500

abundant dry rocky slopes on trail from Fern Valley to Tahquitz 7100

common in wet meadow north of Tahquitz Valley, 7300

occasional in wet meadow " "

rare " " "

common " " "

" along stream " " "

occasional Fern Valley 6500

" along stream with 6368

common in wet woods lower edge Round Valley 8900 ft

common dry woods below RV 8700

abundant moist sand about Hidden Lake 8000

9/6

6374 Juncus triformis Engelm [2]

75 Gnaphalium palustre Nutt

76 Eliocharis acicularis R & S

77 Juncus sphaerocarpus Nees

78 Limosella aquatica var. filiformis

79 Elatine americana (Pursh) Arn

80 Potamogeton dimorphus Raf

81 Tillaea aquatica L.

82 Cyperus aristatus Rottb.

83. Rhododendron occidentale Gray

84 Ribes nevadense Kell

85 Rubus parviflorus Nutt

86. Arabis repanda Wats

87 Chimaphila umbellata (L.) Nutt

frequent shores Hidden Lake

" " " "

"

" " "

" " " "

" " " "

" in water " "

" " " " "

" wet sand " "

" " " " "

common along North Fk. of 7250
Tahquitz Creek
" "

" "

occasional dry slopes no fk Tahquitz

" shaded " " " "

under rocks & chinquapin

9/6

6388 Zauschneria –

89 Pyrola aphylla Sm

90 Selinum eryngifolium Greene –

Round Valley 9/6

91 Aster Andersonii Gray

92 Spiranthes Romanzoffiana C&S rare

93 Carex

94 Stellaria ~~crassa~~ borealis Bigel.

95 Pyrola minor L.

96 " secunda L

97 Carex nebraskensis Dewey.

98 Smut on Carex

99 Agrostis idahoensis Nash

6400 Pentstemon Rothrockii Gray

frequents along zigzag to Hidden Lake		7700
rare, shaded slopes		7500
frequent no fl.		7300
wet sod,		9000
" "		"
wet meadow R.V.		"
base of trees, wet meadow		"
" " "	R.V	"
one patch " " "	"	
	"	
	"	
	"	
dry shaded forest below R.V.		

9/7 To summit

6401 Silene verecunda var. platyota (Wats) Jeps

2 Phacelia californica

3 Antennaria speciosa E. Nels

4 Chrysothamnus nauseosus var. bernardinus Hall.

5 Hulsea vestita var. callicarpha (Wats) Hall

6, Oxyria digyna (L) Camptd.

7 Helenium Bigelovii Gray

8 Cordylanthus rigidus var. filifolius (Nutt) Macbride

9 Monardella australis Abrams

10 Lupinus ——

11 Cryptogramma acrostichoides R.Br.

12 Silene Parishii Wats

13 Moss

14 Pohlia nutans

15 Arctostaphylos pungens HBK

S. Jacinto

common forest floor near Tamarack V 9200

" " " " "

frequent Tamarack V.

" nrtn slopes above Tam. V. 9400

frequent dry slope above Tamarack V 10 000

occasional rock-shelter north side of summit 10750

common edges of meadow north of Tahquitz V. 7300

" dry slopes below Hidden Lake 7700

" " " above Tamarack V 10000

" " " " " " "

rare under rocks at summit 10 750

common rocky places near " 10 700

" wet forest Round V. 9100

" " " "

" dry slopes near No. Fk. Tahquitz Cr 7500

9/14 Trip to Cascade

6416 Solidago confinis Gray
6 ft high
17 Hazardia squarrosa (H & A). Greene
18 Ericameria Parishii (Greene) Hall
19. Corethrogyne filaginifolia (H & A) Nutt
20 Eriogonum elongatum Benth
21 Brickellia californica (T & G) Gray
22 Aralia Californica Wats
23 Stephanomeria cichoriacea Gray
24 Sedum anomalum (Britton)

Canyon in San Antonio Mts
with F. W. Peirson

local in moist places at Spring Hill
in San Antonio Canyon

frequent along trail on dry slopes Spring Hill

one plant " " " " " "

frequent " " . . "

" " " " " "

" rocky wash in C. C.

" shaded " " "

" dry slopes

BvR

Trip up Mt. Tamalpais (

6425 Baccharis Douglasii DC

26 Arnica discoidea Benth

27 Hypericum concinnum Benth

28 Habenaria Michaeli Greene

29 Hemizonia luzulaefolia DC ?

30 Eriogonum

31 Arctostaphylos

32 " glandulosus

33 Quercus dumosa

34 Isoetes Bolanderi

35 Quercus chrysolepis Liebm

36 Pasania densiflora Oerst

37 Arctostaphylos

38 Monardella

(near San Francisco) with Miss Eastwood
and Mr. Stacey. 8/5/22

wet places 1200 ft.

dry slopes 1000 ft

common, " " 1000 ft

" shaded " "

" dry slopes, out-door theater 1500 ft

" " near amphitheatre

" "

" " 1200 ft

common " "

along muddy places at Rock Springs

common on canyon slopes and ridges 1700 ft
above Rock Springs.

common with 6435 1500 ft

dry slopes

" " 1000 ft

8/5

6439 Aster radulinus Gray

40 Baccharis pilularis DC

41 Horkelia Micheneri Greene

42 Lotus Biolettii Greene

43 Castinopsis chrysophylla A.DC.

44 Arctostaphylos Nummularia Gray

45 Cuscuta

46 Holodiscus discolor (Pursh) Maxim
var. ariaefolius (Wats) Jepson

47 Brodiaea californica Jepson

48 Arctostaphylos Manzanita Parry

49 Silene californica Durand

50 Erigeron angustatus Greene

51 Monardella

52 Grindelia rubricaulis DC

53 Gentiana elegans Engelm.

dry hills 800 ft

common, dry slopes 1000 ft

" " 1200 ft

" " 1100 ft

" " " 1200 ft

" " " 1500 ft

1200 ft

canyon slope 1200 ft

dry slopes 1000 ft

common " " 1200

occasional on dry slope of canyon 1400 ft

" " " 1200 ft

" canyon slopes

dry " 1200 ft

rare, canyon slope 1100

6454 Pentstemon labrosus Hook

San Jacinto Mts 9/7/22 10000 ft
above Tamarack Valley

Trip of D. M. Johnston

6455	Amsinckia	
56	Collinsia callosa Parish	
57	Montia perfoliata Howell	
58	Mentzelia	
59	Oenothera gauraeflora T & G	
60	" brevipes Gray	
61	Eriogonum trichopodum Torr	commn
62	Cryptantha	"
63	Chaenactis Fremontii Gray	
64	Psoralea castorea Wats	infrequent
65	Astragalus Layneae Greene	
66	Gilia	
67	Brodiaea capitata Benth	
68	Chaenactis carphoclinia Gray	

and F. W. & M. Peirson to Mohave Desert 5/13 - 5/15/22

side of Pilot Knob

wash, north base of P. K.

shelter of rocks, side of P. K.

hillsides above Granite Well.

sandy plain, 10 mi no of Barstow

" " " "

gravelly hillsides, " "

rocky " " "

sandy desert " "

" wash, 5 mi. S. of "

10 mi no of Barstow.

" " sandy plain

1 mi so of Cretts P. O.

common on gravel hillsides 10 mi N. of Barstow

6469 Malvastrum rotundifolium Gray

70 Zygadenus brevibracteatus Hall

71 Lomatium mohavense C. & R.

72 Caulanthus inflatus Wats

73 Sphaeralcea ambigua Gray

74 Astragalus - Malacus Layneae Jones ~~Greene~~ hybrid

75 Coreopsis calliopsidea (DC) Gray

76 Thelypodium

77 Lepidium flavum Torr.

78. Parosela arborescens (Torr.) Hall

79 Oenothera Palmeri Wats

80 Thelypodium

81 Castilleja

82 Layia glandulosa H & A

hillsides, 10 mi North of Barstow

3 mi. so of Copper City, silty valley floor

" " , " soil

3 mi " " Crutts P.O. extremely abundant on open desert.

1 mi so of Crutts PO frequent

" "

" " , common on desert

" "

2 mi " "

1½ mi no of Granite Wells infrequent on hillside

Granite Well; infrequent on open desert

" frequent

" infrequent in bushes

" frequent on deserts

6483 Tropidocarpum gracile Hook, g

84 Astragalus

85 Phacelia 2.

86 Microseris linearifolia (DC) Schultz 3

87 Calochortus Kennedyi Porter 3

88 Encelia frutescens f. Actoni (Elmer) Hall u

89 Pectocarya setosa Gray

90 Astragalus Purshii Dougl.
var. tinctus Jones

91 Pityrogramma triangularis
var. Maxoni Weatherby

92 Gilia dichotoma Benth

93 Cryptantha inops

94 " utahensis (Gray) Greene

95 ~~Peucephyllum~~ Stenotus linearifolius
var. interior (Coville) Hall

96 Eriophyllum ambiguum Gray

5/13 - 5/15

Granite Wells, locally common about well

" open desert

2 mi N. " "

3 " " " shade of tufa cliff

3 " " " ; hillside, where abundant

" " " " " "

Granite Well open desert

" frequent on rocky slopes

" infrequent ~~under rocks~~ under rocks

" common on open desert
(opens in evening & closes in morning)
Granite Wells

" common on desert

" common shrub on rocky slopes

Copper City, common among shrubs on hillside

6497 Parosela arborescens Torr

98 Euphorbia albomarginata T & G

99 Nicolletia occidentalis Gray

6500 Senecio monoensis Greene

1 Malacothrix sonchoides (Nutt) T. & G

2 Orthocarpus venustus Heller

3 Nemacladus

4. Orthocarpus venustus Heller

5. Pityrogramma triangularis var. Maxoni Weatherby

6 Cheilanthes Covillei Maxon

7 Castilleja

8. Calycoseris Parryi Gray

9 Mentzelia

10 Ephedra nevadensis Wats

5/13 — 5/15

17 mi so of Barstow, shrub on low rolling hills
7 mi " " , on desert mosaic
17 " " " , frequent in sandy draw
" " " " wash

Barstow
10 mi no of " sandy desert
15 " " Victorville " soil
15 mi " " " plain

[Weatherby] 3 mi no of " , infrequent under rocks
" " frequent " "
10 mi N. of Barstow; growing up thru bushes on open desert
" ~~N~~S " " sandy soil
13 mi " " , on the divide
summit of Pilot Knob Peirson & Johnston

DmJ

6511 Rafinesquia californica Nutt.

12 Coldenia Nuttallii Hook

13 Chaenactis macrantha Eat.

14 Oryzopsis hymenoides (R & S) Ricker

15 Gilia demissa Gray

16 Fraxinus

17 Phacelia rotundifolia Torr

18 Gilia punctata (Gray)

19 Cryptantha angustifolia

20 Oenothera Palmeri Wats

21 Parosela Johnsonii (Wats.) Vail

22 Eschscholtzia glyptosperma Greene

23 Phacelia crenulata Torr & Wats

24 Malacothrix sonchoides (Nutt) T & G

5/13 - 5/15/22

½ way bet Victorville & Barstow hillside

Barstow in sand

½ way bet " " gravelly soil

Barstow in sand

½ way bet " & Victorville gravelly soil

3 mi no of Victorville Mohave R

½ way bet " & Barstow, on desert mosaic

" " " " "

2 mi North of Barstow sandy clearing

13 " " " hillside

5 " " " "

2 " " " "

5 " " " "

8 " " " about bushes on sandy desert

D.M.J.

6525 Abronia pogonantha Heimerl

26 Mentzelia tricuspis Wats

27 Pellaea mucronata var calif (Lemmon)

28 Eriophyllum

29 Amsinckia

30 Eschscholtzia minutiflora

31 Gilia

32 Sphaeralcea ambigua

33 Delphinium Parishii Gray

34 Thysanocarpus

35 Trifolium gracilentum T. & G.

36 Chaenactis macrantha Eat

37 Artemisia spinescens Eat

38 Gilia

5/13 5/15/22

10 mi N of Barstow ; infrequent in sandy soil

" " " ; gravel hillside

3 mi " Victorville ; infrequent under rocks

3 " S. of Copper City , open desert

" " " " " "

Granite Wells , infrequent on hillside

" " open desert

" on hillside

" frequent in rocky soil

" in wet gravel

" open desert

1½ miles north of Cutts P.O

2 " " " "

Bet. Cutts P.O. & Copper City open desert

D.M.J.

6539 Parosela Saundersii (Parish) Abrams

40 Cymopterus aboriginum

41 Sphaeralcea

P.A.M.

42 Ambrosia psilostachya DC.

43 Xanthium

44 Brassica adpressa

45 Franseria acanthicarpa Hook

46 Artemisia dracunculoides Pursh

47 Zauschneria

48 "

49 Juncus

50 ~~Lobelia~~ Palmerella debilis serrata Gray

51 Artemisia heterophylla Nutt

5/13 - 5/15/22

20 mi north of Barstow, on low hills

N.E. slope of Pilot Knob, several large plants col. by Peirson

1 mile north of Crutts P. O.

Claremont	10/15/22	
"	"	
"	"	
"	"	
Upland	"	Mo of Cucamonga C
Cucamonga Canyon	"	
"	"	
"	"	
"	"	
"	"	

Img

6552 Arabis

53 Atriplex hymenelytra (Torr.) Wats

54 "

55 "

Pam 56 Amaranthus graecizans L.

57 " retroflexus L

58 " hybridus L

---

59 Catastoma

Pam 60 Lycoperdon

61 Polystachum

5/13 - 5/15/22

Granite Well   infrequent on hillsides

10 mi N. of Barstow   common on lower slopes of hills

"   "   frequent shrub on open desert

RR embankment, 3 mi N of Victorville

Claremont   10/15/22

"   "

"   "

So. Fk of Santa Ana R   8/25/22 8500 ft

Bear Valley   7200 ft   6/10/22

Claremont   under oaks in Blanchard Park   10/15/22

Trip into hills south of San Dimas 11/20/22

6562 Heteromeles arbutifolia (Lindl.) Roem

63 Bidens pilosa L.

64 Franseria acanthicarpa (Hook) Cov

65 Roubieva multifida Moq.

66 Chenopodium ambrosioides L

67 Isocoma veneta vernonioides (Nutt.) Jepson

68 Zauschneria

~~70~~ Eriogonum elongatum Benth

69 Ericameria Palmeri (Gray) Hall

7~~0~~ Typha angustifolia L.

72 Pluchea camphorata (L.) ~~Baccharis Douglasii~~ DC

Mosses 11/15/22

73 ~~A~~mblystegium irrigenum

74 " —

75 Fissidens grandifrons —

with | D. Keck
| M. Smith
| H. Lorbeer

Hills so of San Dimas

shaded slope
along P. E. track near Charter Oak

" "

" "

along stream so. ~~St.~~ of Covina

dry ~~[illegible]~~ banks, " "

" " So of San Dimas

" " "

" slopes "

along small creek "

" " " "

San Antonio Canyon near water 6500 ft

" " " "

" " [illegible] in [illegible] "

6576 Parishella californica Gray

77 Stipa speciosa Trin & Rupr

78 Melica imperfecta Trin

79 ~~Melica~~ Poa scabrella Benth

6580 Rust on Chlorogalum pomeridianum.
I of Uromyces Chlorogali D. & H.

81 Rust on Arabis arcuata
Puccinia Holboelii (Hornem.) Roste

82 Sisymbrium Irio L.

~~83~~
83 Sanicula

84 Notholaena calif Eaton

85 " Newberryi D.C. Eaton

86 Moss

" 87 Sphaerocarpus

near road 2 mi south of Crutts P.O. locally abundant on gravelly soil	5/14/22 D.M. Johnston
Bet. Crutts & Copper City	"
2 mi No. of Granite Well shelter of tufa cliff	"
3 " N of Granite Well	"
Mouth of Deer Canyon San Gabriel Mts	Jan 15, 1923
North of Claremont	1/22/23
Claremont common weed in orchards south of railroad	3/10/23
Ganesha Hills, Pomona grassy slope	3/7/23
San Jacinto River, 4 mi from Elsinore about rocks	3/10/23
San Jacinto River, 3 mi from Elsinore about rocks	3/10/23
Ganesha Hills, Pomona	3/7/23
" " "	"

6588 Azolla filiculoides Lam

89 Thysanocarpus laciniatus Nutt

90 Arenaria Douglasii Fenzl

91 Sanicula tuberosa Torr

92 Scutellaria "

93 Saxifraga calif.

94 Polycarpon depressum Nutt

95 Picris echioides L.

96 Solanum nigrum

97 Rumex

98 Verbena

99 Orthocarpus

San Jacinto River, 3 miles from Elsinore. 3/10/23

North of Claremont. 3/14/23
cleared field

" " "

Coble Canyon, no. of Claremont 3/14/23

" " "

" " "

2 mi north of Claremont
cleared field "

Laguna Lakes 4/1/23
few plants in waste place

" " " " "

" " " " "

" " " " "

Canyon, high grassy slope

Things to look for S.B. Mtn Trip

Carex abrupta ✓ Summit

Juncus Parryi ✓ Engelm "

Eriog. umbellatum ✓ var. stellatum San Gorgonio

Arenaria Nuttallii var gracilis "

Sedum spathulifol~~ium~~ rocks near Big M

Horkelia Wilderae ~~Parish~~ Barton Flats on trail ty

Drymocallis viscida ~~Parish~~

Oxytropis oreophila ✓ Gray. Summit

Geranium pyrenaicum. Vivian trail 70
perennial, sepals for awn-tips.

Sidalcea Hickmanii ✓ var. Parishii
dry mtn side above 7 oaks typ

Bryanthus Breweri ✓ San Gorgonio

Androsace ~~sp~~

Polemonium coeruleum ✓ upper Meadows
of So Fork

Gilia leptantha ✓ 7-oaks type (a

Eriodictyon trichocalyx " "

Chrysopsis Wrightii San Gorgonio, nea
summit 1882 not since found'
no rays, pubescence fine & soft.

Erigeron compositus ✓ var discoideus
summit of San Gorgonio Wilder.
leaves ternately parted.

Antennaria densa Summit San Gorgo
Abrams & McGregor type. mat

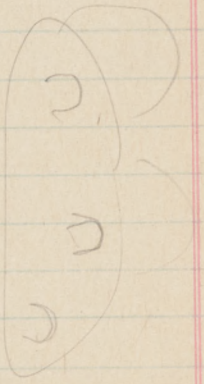
Antennaria marginata So Fk Santa An
Mrs Wilder only Calif coll.
lvs green above, involucre pinkish

Antennaria media ✓ Summit San Gor.
Mrs Wilder, Wright

Hulsea heterochroma San Gorgonio Mt
in Canadian zone,

Raillardella argentea ✓ Summit

Senecio ionophyllus sparsilobatus
Barton Flats is type



Things to look for S.B. Mtn Trip

Carex abrupta ✓ Summit

Juncus Parryi ✓ Engelm "

Eriog. umbellatum ✓ var. stellatum San Gorgonio

Arenaria Nuttallii var gracilis "

Sedum spathulifolium rocks near Big Meadows

Horkelia Wilderae ~~Parish.~~ Barton Flats or trail to So Fk type loc

Drymocallis viscida ~~Parish~~

Oxytropis oreophila ✓ Gray. Summit type

Geranium pyrenaicum. Vivian trail 7000 ft.
perennial, sepals & awn-tipped.

Sidalcea Hickmanii ✓ var. Parishii
dry mtn side above 7 oaks type sta

Bryanthus Breweri ✓ San Gorgonio

Androsace ~~sp~~

Polemonium coeruleum ✓. upper Meadows
of So Fork

Gilia leptantha ✓ 7-oaks type (arenaria subsp.)

Eriodictyon trichocalyx " "

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summit 1882 not since found'
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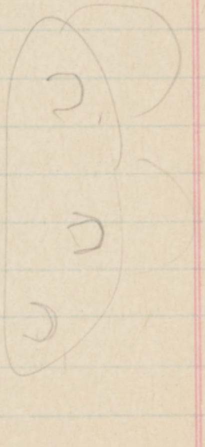


Cereus Munzii

Seen on 4 hillsides from Kenworthy for 2½ mi

Only 1 fl seen on July 4.

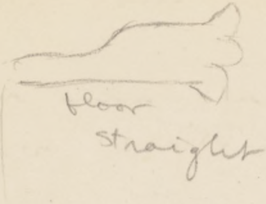
Highest no of columns about 100.

Some short stems with long spines like fls from Baldwin Lake.

Radial spines 10 – 11

Penstemon (Kenworthy)
corolla blue with purplish cast especially to- fairly regular, not strongly bilabiate
tube about 1 cm long, broadly flaring at 1/2 length. floor with central groove in which lies sterile st. also 2 lateral grooves. ridges between these whitish white line also at edge of throat on lower lip.
Corolla finely pubescent without.
Fils yellowish below, white above.
Sterile fil bearded all along toward end beard is yellowish.
Anther-sacs divergent

forward base of tube (outside)



2782

624 St. Lawrence Ave
Janesville

6295
4738
1557

Hall
Matches
Bed
grate
Jar
Chocolate
Press
Vasculum
Pick
Map